

ABSTRACT OF THE DISCLOSURE

A method of manufacturing heat-insulating structural and/or light elements composed of at least two wall elements of glass, a glass alloy or metal, wherein the wall elements are separated from each other by support elements and are provided on at least one of surfaces thereof facing each other with a layer reflecting heat radiation, and wherein the structural and/or light elements further are composed of a deformable sealing element for connecting the wall elements to obtain a hollow space between the wall elements which can be evacuated or supplied with gas. The method includes conveying wall elements which have been cleaned and coated on at least one surface thereof and are intended for a structural and/or light element in a manufacturing line extending over manufacturing sections, coating with solder at least one side of each wall element at edges thereof, placing spaced-apart support elements on a wall element, positioning the wall elements opposite each other at a distance determined by the support elements, and subsequently enclosing the wall elements to form a gas-tight hollow space between the wall elements by applying a deformable metal sealing element at the coated edges of both wall elements.